



Solar Thermal  
Flat Plate Collectors  
Forced Circulation Kits

**NEW**

# COLLECTOR ECO



# ECO COLLECTOR

Type	ECO S150	ECO S200	ECO S230	ECO S260
Collector Surface	1.48 m <sup>2</sup>	1.88 m <sup>2</sup>	2.28m <sup>2</sup>	2.64m <sup>2</sup>
Aperture Surface	1.39m <sup>2</sup>	1.78m <sup>2</sup>	2.17m <sup>2</sup>	2.52m <sup>2</sup>
Absorber Surface	1.33 m <sup>2</sup>	1.70 m <sup>2</sup>	2.09m <sup>2</sup>	2.44m <sup>2</sup>
Dimensions	1540x960x81	1960x960x81	1960x1165x81mm	2135x1238x81mm
Weight	27,30kg	32,00kg	38,80kg	44,00kg
Fluid content	0,85 ltr	0,95 ltr	1,20ltr	1,30ltr

Technical Specifications	
Frame	Aluminum profile. Free of screws and rivets.
Cover	Tempered low iron prismatic glass 3.2 mm. 90,05% transmission.
Sealing	Acrylic foam - Silicon
Insulation	Rockwool 40mm (50kg/m3) back and Glass wool 20 mm (30kg/m3) sides
Absorber Material	Aluminum fins 0,50 mm thickness Welded to copper pipes with laser welding.
Absorber coating	Sputtering blue selective surface
Absorption ( $\alpha$ )	95% ( $\pm 0.02$ )
Emissivity ( $\epsilon$ )	5% ( $\pm 0.02$ )
Max. working pressure	1000kPa
Max. working temperature	150°C



MODEL
ECO SERIES
S150
S200
S230
S260